

# Wiktorja Lipińska

## Lista publikacji

1. Lipińska, W., Siuzdak, K., Karczewski, J., Dołęga, A., Grochowska, K., (2021) Electrochemical glucose sensor based on the glucose oxidase entrapped in chitosan immobilized onto laser-processed Au-Ti electrode, *Sensors and Actuators B*, 330, 129409-129418, <https://doi.org/10.1016/j.snb.2020.129409>
2. Lipińska, W., Grochowska, K., Karczewski, J., Ryl, J., Cenian, A., Siuzdak, K., (2020) Thermally tuneable optical and electrochemical properties of Au-Cu nanomosaic formed over the host titanium dimples, *Chemical Engineering Journal*, 399, 125673-125685, <https://doi.org/10.1016/j.cej.2020.125673>
3. Lipińska, W., Bielan, Z., Witkowska, A., Karczewski, J., Grochowska, K., Partyka-Jankowska, E., Sobol, T., Szczepanik, M., Siuzdak, K., (2023) Insightful studies of AuCu nanostructures deposited on Ti platform: Effect of rapid thermal annealing on photoelectrochemical activity supported by synchrotron radiation studies, *Applied Surface Science*, 638, 158048-158060, <https://doi.org/10.1016/j.apsusc.2023.158048>
4. Lipińska, W., Grochowska, K., Ryl, J., Karczewski, J., Siuzdak, K., (2021) Influence of annealing atmosphere on photoelectrochemical activity of TiO<sub>2</sub> nanotubes modified with AuCu nanoparticles, *ACS Applied Materials and Interfaces*, 13(44), 52967-52977, <https://doi.org/10.1021/acsami.1c16271>
5. Lipińska, W., Saska, V., Siuzdak, K., Karczewski, J., Załęski, K., Coy, E., de Poulpiquet, A., Mazurenko, I., Lojou, E., (2024) Interaction between bilirubin oxidase and Au nanoparticles distributed over dimpled titanium foil towards oxygen reduction reaction, *Electrochimica Acta*, 474, 143535-143546, <https://doi.org/10.1016/j.electacta.2023.143535>